

WHAT IS CLAIMED IS:

1. A cable connector comprising a connector housing having a cavity for receiving a contact along an axis, said cavity having a protrusion therein, said protrusion extending through the axis so that, as said contact is inserted into said cavity along said axis, said contact is deflected by said protrusion until said contact moves past said protrusion into a locked position.

2. The cable connector according to Claim 1 wherein said contact has a body section with at least one wing extending therefrom, said wing contacting said protrusion as said contact is inserted into said cavity along said axis causing said contact to rotate about said axis.

3. The cable connector according to Claim 1 wherein said contact has a chamfer for contacting said protrusion to help said contact move past said protrusion.

4. The cable connector according to Claim 1 wherein said protrusion has a chamfer for contacting said contact to help said contact move past said protrusion.

5. The cable connector according to Claim 1 wherein said connector housing has at least one post at an entrance to said cavity to guide said contact along said axis before said contact is inserted into said cavity.

6. The cable connector according to Claim 1 wherein said cavity has a top wall and a bottom wall defining a channel for receiving said contact along said axis, said protrusion extends from said top wall so as to bend said contact until said contact moves past said protrusion.

7. The cable connector according to Claim 1 wherein said protrusion is a finger having a sliding surface and a locking surface.

8. The cable connector according to Claim 1 wherein said connector housing has a latch extending therefrom, said connector housing receivable within an outer housing, said outer housing having a cantilever section formed into said housing, said cantilever section having

a slot therethrough, said cantilever section deflected by said latch as said connector housing is inserted into said outer housing until said latch extends through said slot.

9. A contact shell comprises side walls and a connecting wall extending therebetween, at least one of said side walls having at least one tab extending therefrom, said contact shell being coupled to a strain relief by a separation plate.

10. The contact shell according to claim 9 wherein said pair of sidewalls have a top surface, said tab extends from said top surface.

11. The contact shell according to Claim 9 wherein said tab has an arcuate tip.

12. The contact shell according to Claim 9 wherein said side walls each have a top surface, and said side walls are substantially parallel to each other, each side wall having a tab extending from said top surface, each tab having an arcuate tip with a tip end surface thereof, said tip end surfaces of said tabs facing away from each other.

13. The contact shell according to Claim 9 wherein said contact shell further comprises a displacement section extending between said pair of side walls, said displacement section including a displacement beam and a contact wall separated by a slot, said contact wall sloped upward to form a point for piercing a coaxial cable.

14. The contact shell according to Claim 11 further comprising a compatible housing having a contact shell receiving slot for receiving said tab when said contact shell is received within said housing.

15. The contact shell according to Claim 9 wherein at least one of said side walls has a spring finger extending therefrom.

16. A contact shell according to Claim 9 wherein said strain relief has at least one piercing section to pierce a coaxial cable.

17. The contact shell according to Claim 9 wherein said strain relief has a least one piercing section to pierce a coaxial cable, said displacement section including a fang and a contact wall separated by a slot.

18. The contact shell according to Claim 9 wherein said strain relief forms a U-shaped notch, said strain relief has at least one displacement section at each end of said U-shaped notch for piercing a coaxial cable.

19. The contact shell according to Claim 9 wherein said contact shell is separable from said strain relief such that the mechanical functions of said strain relief is separated from the electrical functions of said contact shell.